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37 CFR 1.8(a)

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Date of Deposit: Oct 10, 2006

By: Jane E Bradley

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT OF

Kwong-Onn C. Chan, et al.

DOCKET NO. V2003012

PATENT NO. 7,090,033

SERIAL NO.: 10/677,917

EXAMINER: Zakiya W. Bates

ISSUED: August 15, 2006

GROUP ART UNIT: 3676

TITLE: Drill String Shutoff Valve

**REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 C.F.R. 1.323**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Patentee respectfully requests a Certificate of Correction for the subject patent and that copies of the attached Certificate of Correction be attached to copies of the above-identified patent. The errors and their correlation to the patent application are set forth below. The Certificate of Correction form is enclosed.

10/17/2006 JBALINAN 00000049 220279 7090033

01 FC:1811

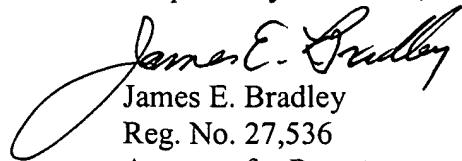
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*Certificate  
OCT 19 2006  
of Correction*

*OCT 19 2006*

Since the errors are Applicants' mistakes, the fee of \$100 should be charged to Vetco  
Gray Deposit Account No. 22-0279.

Respectfully submitted,



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Date: Oct 10, 2006

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,090,033  
DATED August 15, 2006  
INVENTOR(S) Kwong-Onn C. Chan, et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 5, lines 56-67, delete the paragraph beginning: "The invention has significant advantages. The valve assembly provides a safety shutoff to prevent the flow of gas or other formation fluids up through the drill string, particularly while running the drill string into the well or retrieving the drill string from the well. The valve assembly is particularly useful when drilling into deep coal beds that contain methane gas. The use of air as a drilling medium avoids having to utilize liquid drilling fluids, which tend to encroach into and damage such formations. The valve is easily moved between open and closed positions by manipulating the drill string. The valve can be retained in either the open or closed position."

Column 6, line 58, delete "to compress" and insert - -compresses- -  
Column 9, line 11, delete ". Upon" and insert - -and- -;  
Column 9, line 11 insert - -are- - after "287"

Column 11, line 32, add the following paragraph: - - The invention has significant advantages. The valve assembly provides a safety shutoff to prevent the flow of gas or other formation fluids up through the drill string, particularly while running the drill string into the well or retrieving the drill string from the well. The valve assembly is particularly useful when drilling into deep coal beds that contain methane gas. The use of air as a drilling medium avoids having to utilize liquid drilling fluids, which tend to encroach into and damage such formations. The valve is easily moved between open and closed positions by manipulating the drill string. The valve can be retained in either the open or closed position.- -

OCT 19 2006

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PATENT NO. 7,090,033  
No. of additional copies

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.